Model QTN8022D	
Camera	
Camera Type	Dome
Camera Technology	IP
Image Sensor size	1/3”
Image Sensor Type	CMOS Sony Exmor
Image Resolution	1920 x 1080, 1280 x 720, 640 x 480, 320 x 240
Megapixels (digital)	2
Effective Pixels	1920 x 1080
Lens Size	2.8 to 12mm
Angle of View	24 to 86
IR Cut Filter	Yes
Night Vision	
IR LEDS	30
Infrared Wavelength	850nM
Min Lux Illumination	0 Lux (LEDS on)
Night Vision Range	Up to 100 ft
Additional Image Features	
Auto Iris	No
On Screen Display	Yes
Backlight Compensation	None
Electronic Shutter	1/30s-1/100,000s
Gain Control	Auto/Manual
Wide Dynamic Range	Digital
Noise Reduction	3D DNR
PTZ	
Horizontal Rotation	Not Applicable
Vertical Tilt	Not Applicable
Preset and Cruise Patterns	Not Applicable
Audio	
Audio Range	Depends on microphone used

Audio Microphone	Audio input G711A compression
Connectivity	
Connector Types	RJ45 POE, Audio input, Audio output, RS485, ONVIF 2.3
Other Connections	2.1mm power, MicroSD (64GB), Alarm in, Alarm out,
Wireless	No
Remote Monitoring	
Use as Standalone	Yes
Compatible Mobile Devices	Iphone, ipad, android, Windows Phone 7.5/8
Compatible Systems	NVRs
Power	
Power Supply	12V 1A or POE
Power Consumption	2.76W to 6.48W (LEDs ON)
Physical	
Weatherproof	Yes
IP Rating	IP66
Body Construction	Metal
Mounting Hardware	Screws
Weight	31 oz
Dimensions (WxH)	4.5 in x 6 in
Operating Temperature	-40° to 122°F, 10% to 90% Humidity
Mounting Hardware	
Screws	YES, 3PCS
Wall Anchors	YES, 3PCS
Tools	
Hex Wrench	YES, 1PC
Cables & Connectors	
Camera Cable ***MUST BE WHITE***	CVBS testing cable 1PC
Connectors	NO
Other	
Micro SD Card	NO (Supports up to 64GB)